

PUBLICATIONS

- **Capolongo S, Settimo G, Gola M (eds) (2017) Indoor Air Quality in Healthcare Facilities.** Springer Public Health, New York (in press).
- **Capolongo S, Gola M, Rebecchi A (eds) (2017) Healthcare Facilities in Emerging Countries: Case Studies in India.** Springer, Cham (in press).
- Dell'Ovo M, Capolongo S. Architectures for health: Between historical contexts and suburban areas Tool to support location strategies. *Technè* 2016; 12: 269-276. doi: 10.13128/Technè-19362
- Rebecchi A, Boati L, Oppio A, Buffoli M, **Capolongo S. Measuring the expected increase in cycling in the city of Milan and evaluating the positive effects on the population's health status: A Community-Based Urban Planning experience.** *Annali di Igiene* 2016; 28(6): 381-391. doi: 10.7416/ai.2016.2120
- **Buffoli M., Capolongo S., Odone A., Signorelli C. (eds) (2016) Salute e Ambiente. Igiene edilizia, urbanistica e ambientale.** EdiSES, Roma
- Signorelli, C., **Capolongo, S.**, Buffoli, M., Capasso, L., Faggioli, A., Moscato, U., Oberti, I., Petronio, M.G., and D'Alessandro, D. (2016) **Italian Society of Hygiene (SItI) recommendations for a healthy, safe and sustainable housing.** *Epidemiologia & Prevenzione* 40(3-4):265-270. doi:10.19191/EP16.3-4.P265.094.
- **Capolongo S**, Lemaire N, Oppio A, Buffoli M, Roue Le Gall A. **Action planning for healthy cities: the role of multi-criteria analysis, developed in Italy and France, for assessing health performances in land-use plans and urban development projects.** *Epidemiol Prev* 2016; 40(3-4): 257-64. doi: 10.19191/EP16.3-4.P257.093
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- Signorelli C, Odone A, Buffoli M, **Capolongo S. Building codes and public health on both sides of the Atlantic.** *Journal of Public Health Policy*, 2016; pp 1-3. doi:10.1057/s41271-016-0010-7.
- **Capolongo S. Social aspects and well-being for improving healing processes' effectiveness.** *Ann Ist Super Sanità*, 2016 Mar; 52(1): 11-14. DOI: 10.4415/ANN_16_01_05
- Rebecchi A, Gola M, Kulkarni, Lettieri E, Paoletti I, **Capolongo S. Healthcare for all in emerging CONTARIES: a preliminary investigation of facilities in Kolkata, India.** *Ann Ist Super Sanità*, 2016 Mar; 52(1): 88-97. DOI: 10.4415/ANN_16_01_15
- **Capolongo S**, Buffoli M, Nachiero D, Tognolo C, Zanchi E, Gola M. **Open building and flexibility in healthcare: strategies for shaping spaces for social aspects.** *Ann Ist Super Sanità*, 2016 Mar; 52(1): 63-69. DOI: 10.4415/ANN_16_01_12
- D'Alessandro D, Tedesco P, Rebecchi A, **Capolongo S. Water use and water saving in Italian hospitals. A preliminary investigation.** *Ann Ist Super Sanità*, 2016 Mar; 52(1):56-62. DOI: 10.4415/ANN_16_01_11
- Buffoli M, Bellini E, Dell'Ovo M, Gola M, Nachiero D, Rebecchi A, **Capolongo S. Humanisation and soft quality in emergency rooms.** *Ann Ist Super Sanità*, 2016 Mar; 52(1):40-47. DOI: 10.4415/ANN_16_01_09
- **Capolongo S**, Gola M, di Noia M, Nickolova M, Nachiero D, Rebecchi A, Settimo G, Vittori G, Buffoli M. **Social sustainability in healthcare facilities: a rating tool for analyzing and improving social aspects in environments of care.** *Ann Ist Super Sanità*, 2016 Mar; 52(1):15-23. DOI: 10.4415/ANN_16_01_06
- Oppio A, Buffoli M, Dell'Ovo M, **Capolongo S. Addressing decisions about new hospitals' siting: a multidimensional evaluation approach.** *Ann Ist Super Sanità*, 2016 Mar; 52(1):78-87. DOI: 10.4415/ANN_16_01_14
- Gola M, Francalanza PC, Galloni G, Pagella B, **Capolongo S. Architectures for paediatric palliative care: how to improve quality of life and environmental well-being.** *Ann Ist Super Sanità*, 2016 Mar; 52(1):48-55. DOI: 10.4415/ANN_16_01_10
- **D'Alessandro D, Capolongo S. (eds) (2015) Ambiente costruito e salute. Linee d'indirizzo di igiene e sicurezza in ambito residenziale** Franco Angeli, Rome.
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- Capasso L, **Capolongo S**, Faggioli A, Petronio MG, D'Alessandro D. **Do Italian housing regulations and policies protect poor people's health?** *Ann Ig.* 2015 Jul-Aug;27(4):688-9.

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- Capasso L, **Capolongo S**, Faggioli A, Petronio MG, D'Alessandro D. **Living in a Semi-basement in the Era of Floods. Italian Laws Cause Inequalities in Health Protection.** Ann Ig. 2015 Mar-Apr;27(2): 202-4. doi: 10.7416/ai.2015.2038
- **Capolongo S**, Buffoli M, Oppio A. **How to assess the effects of urban plans on environment and health.** Territorio. 2015 (73):145-151.
- **Capolongo S, Bottero MC, Buffoli M, Lettieri E (eds) (2015) Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool.** Springer, Cham.
- **Capolongo S**, Buffoli M, di Noia M, Gola M, Rostagno M. **Current scenario analysis.** in: Capolongo S, Bottero MC, Buffoli M, Lettieri E, editor. Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool. Cham: Springer; 2015. 11-22. doi: 10.1007/978-3-319-14036-0_2.
- **Capolongo S**, Bottero M.C, Lettieri E, Buffoli M, Bellagarda A, Birocchi M, et al. **Healthcare sustainability challenge.** in: Capolongo S, Bottero MC, Buffoli M, Lettieri E, editor. Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool. Cham: Springer; 2015. 1-10. doi: 10.1007/978-3-319-14036-0_1
- Buffoli M, **Capolongo S**, di Noia M, Gherardi G, Gola M. **Healthcare sustainability evaluation systems.** in: Capolongo S, Bottero MC, Buffoli M, Lettieri E, editor. Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool. Cham: Springer; 2015. 23-30. doi: 10.1007/978-3-319-14036-0_3
- Bottero MC, Buffoli M, **Capolongo S**, Cavagliato E, di Noia M, Gola M, et al. **A multidisciplinary sustainability evaluation system for operative and in-design hospitals.** in: Capolongo S, Bottero MC, Buffoli M, Lettieri E, editor. Improving Sustainability During Hospital Design and Operation: A Multidisciplinary Evaluation Tool. Cham: Springer; 2015. 31-114. doi: 10.1007/978-3-319-14036-0_4
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- Capasso L, **Capolongo S**, Flacco ME, Manzoli L, Buffoli M. **Housing quality and its health impact in Italy: current knowledge, methodological issues, new evaluation models.** 2014 Ig Sanita Pubbl. 2014 Jul-Aug;70(4):411-22. Italian. (PMID: 25353271)
- **Capolongo S**, Bellini E, Nachiero D, Rebecchi A, Buffoli M. **Soft qualities in healthcare Method and tools for soft qualities design in hospitals' built environments.** Ann Ig. 2014 Jul-Aug; 26(4):391-9. doi: 10.7416/ai.2014.1998
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- **Capolongo S**, Buffoli M, Oppio A, Nachiero D, Barletta MG. **Healthy indoor environments: how to assess health performances of construction projects.** Environmental Engineering and Management Journal. 2013, Nov;12(S11): 209-212.
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- **Capolongo S**, Battistella A, Buffoli M, Oppio A. **Healthy design for sustainable communities**. Ann Ig. 2011 Jan-Feb;23(1):43-53.
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- **Capolongo S., Daglio L., Oberti I. (eds) (2007) Edificio, Ambiente, Salute. Tecnologie per l'igiene edilizia ed ambientale**. Hoepli, Milan
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- **Capolongo S**, Brioschi A. **I cantieri in ospedale: valutazione degli interventi di prevenzione e soluzioni progettuali, tecniche e tecnologiche**. Ann Ig. 2007; 19(suppl1): 75-87.
- **Capolongo, S. (ed) (2006) Edilizia ospedaliera. Approcci metodologici e progettuali**. Hoepli, Milano
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- Baglioni, A., **Capolongo, S.** **Ergonomics in planning and reconstruction** . Giornale italiano di medicina del lavoro ed ergonomia. 24 (4), pp. 405-409
- **Signorelli C., D'Alessandro D., Capolongo S. (eds) (2001) Igiene edilizia e ambientale**. Società Editrice Universo, Roma
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- Signorelli, C., Lanzani, G., Conti, A., Perego, D., **Capolongo, S.** **Urban mobility and air quality: impact of the opening of the new Lecco cross-ways on air pollution**. Annali di igiene : medicina preventiva e di comunità. 13 (1 Suppl 1), pp. 13-20
- Signorelli, C., **Capolongo, S.**, Zantedeschi, E. **Enforcement of D.Lgs. 626/94 in biotechnology areas of work: analysis based on a sample of public workers** . Annali di igiene : medicina preventiva e di comunità. 13 (1 Suppl 1), pp. 53-60
- **Capolongo, S.**, Adiansi, M., Buffoli, M., Signorelli, C. **Experimental evaluation of natural air exchange in different indoor environments** . Annali di igiene : medicina preventiva e di comunità. 13 (1 Suppl 1), pp. 21-31
- Barbaini, G., **Capolongo, S.**, Agostinacchio, F., Signorelli, C., Tarsitani, G. **Partial recycling air conditioning system: project and technology**. Annali di igiene : medicina preventiva e di comunità. 13 (1 Suppl 1), pp. 61-82
- **Capolongo, S.**, Mosconi, G., D'Amico, G., (...), Baccis, M., Signorelli, C. **Risk of repetitive strain associated with occupational activities at building sites**. Annali di igiene : medicina preventiva e di comunità. 13 (1 Suppl 1), pp. 3-12
- Signorelli, C., **Capolongo, S.**, Carreri, V., Fara, G.M. **The adoption of local hygiene and building regulations and their update in a sample of 338 Italian municipalities**. Annali di igiene : medicina preventiva e di comunità. 11 (5), pp. 397-403

CONFERENCES

- lecture MENTAL HEALTH AND ARCHITECTURE @ 9th EUPHA (EUROPEAN PUBLIC HEALTH ASSOCIATION) CONGRESS, Vienna (09-11-2016)
- lecture THE ROLE OF URBAN CYCLABILITY IN PROMOTING PUBLIC HEALTH @ 9th INTERNATIONAL CONFERENCE ON INNOVATION IN URBAN AND REGIONAL PLANNING (IMPULS TORINO), Politecnico di Torino, Torino (14-09-2016)
- lecture A MULTI-METHODOLOGICAL APPROACH FOR HEALTHCARE FACILITIES LOCATION DECISION PROBLEM @ OR 58 ANNUAL CONFERENCE, University of Portsmouth, Portsmouth (06/08-09-2016)
- lecture VISION FOR A BETTER AIR QUALITY: HEALTH AND BUILT ENVIRONMENT @ SMART CITIES AGAINST POLLUTION, Triennale di Milano, Milan (21-07-2016)
- lecture HEALING GARDENS IN ITALIAN ARCHITECTURES FOR HEALTH: A CURRENT NATIONAL PANORAMA'S QUALI-QUANTITATIVE EVALUATION @ 2nd EHD (EUROPEAN HEALTHCARE DESIGN), Royal College of Physicians London, London (27-06-2016)
- lecture SMART INPATIENT ROOMS FOR FUTURE HEALTHCARE ENVIRONMENTS @ Conference "HOSPITAL ENGINEERING TRENDS. ARCHITECTURE MEETS

TECHNOLOGY", Ostbayerischen Technischen Hochschule Amberg-Weiden, Weiden (08-03-2016)

- lecture HEALTHCARE FOR ALL: THE CHALLENGE OF INDIA @ Meeting "HEALTHCARE APPROACHES IN EMERGING COUNTRIES. THE CASE STUDY OF INDIA AND VOLUNTEERING OPPORTUNITIES", Fondazione Politecnico di Milano, Milan (20-11-2015)
- organization of HEALING ARCHITECTURE: DESIGNING INNOVATIONS IN ARCHITECTURES FOR HEALTH congress @ 8th EUPHA (EUROPEAN PUBLIC HEALTH ASSOCIATION) CONGRESS, Milano Congressi, Milano (14-10-2015)
- lecture ARCHITECTURE FOR FLEXIBILITY IN HEALTHCARE @ ARCHITECTURE AND HEALTHCARE AT THE XXI CENTURY, Technion, Haifa (29-01-2015)
- organization of SMART HOSPITAL: ASPETTI SOCIALI, AMBIENTALI ED ECONOMICI PER L'INNOVAZIONE NEL PROGETTO OSPEDALIERO congress @ 5th Congresso internazionale del "CLUSTER DESIGN OF HEALTH FACILITIES", Politecnico di Milano, Milan (24-10-2014)
- organization of SPRECHI IN SANITA'. STRATEGIE SOCIALI, AMBIENTALI ED ECONOMICHE PER L'EFFICIENZA IN SANITÀ congress @ 4th Congresso internazionale del "CLUSTER DESIGN OF HEALTH FACILITIES", Politecnico di Milano, Milan (05-06-2013)
- organization of INNOVATIVE DESIGN FOR HEALTHCARE congress @ 3rd Congresso internazionale del "CLUSTER DESIGN OF HEALTH FACILITIES", Politecnico di Milano, Milan (25-05-2012)
- organization of SUSTAINABILITY IN HEALTHCARE: HOSPITAL PLANNING congress @
- 2nd Congresso internazionale del "CLUSTER DESIGN OF HEALTH FACILITIES", Politecnico di Milano, Milan (10-06-2011)
- lecture ASSESSING SUSTAINABILITY OF CITIES AND DISTRICTS FOR HEALTHY COMMUNITIES @ 2nd INTERNATIONAL CONFERENCE ON SUSTAINABLE ARCHITECTURE AND URBAN DEVELOPMENT, Center for the Study of Architecture in the Arab Region (CSAAR), Jordan (Amman) (12/14-07-2010)
- lecture FLEXIBILITY HOSPITAL PLANNING @ 1st Congresso internazionale del "CLUSTER DESIGN OF HEALTH FACILITIES", Politecnico di Milano, Milan (05-02-2010)

COURSES

- Course "BUILDING HYGIENE" for ARCHITECTURAL DESIGN STUDIO 3, School of Architecture, Urban Planning, Construction Engineering Politecnico di Milano (from 2016)
- Course "BUILDING HYGIENE" for LABORATORIO DI PROGETTAZIONE FINALE, School of Architecture, Urban Planning, Construction Engineering Politecnico di Milano (from 2016)
- PhD course "COMPLEX CONSTRUCTIONS: ARCHITECTURES FOR HEALTH, PRODUCTION, SERVICE AND CULTURE" @ dept. ABC, Politecnico di Milano (from 15-09-2016 to 30-11-2016)
- Course "HYGIENE AND SUSTAINABILITY OF BUILT ENVIRONMENT", School of Architecture, Urban Planning, Construction Engineering Politecnico di Milano (from 2016)
- Course director "DESIGNING MEDICAL NEIGHBORHOOD" @ Politecnico di Milano (from 15-09-2016 to 29-09-2016)
- Course director "INDOOR AIR QUALITY NEGLI AMBIENTI DI LAVORO, DI VITA E NELLE STRUTTURE SOCIO-SANITARIE" @ Politecnico di Milano (from 2016)
- PhD course "COMPLEX CONSTRUCTIONS: ARCHITECTURES FOR HEALTH" @ dept. ABC, Politecnico di Milano (from 15-09-2015 to 30-11-2015)
- Course "TECHNOLOGIES FOR CONSTRUCTION AND ENVIRONMENTAL HYGIENE" for BUILDING TECHNOLOGY STUDIO, School of Architecture, Urban Planning, Construction Engineering Politecnico di Milano (from 01-10-2015)
- Course director "THERAPEUTIC. LANDSCAPE DESIGN" @ Politecnico di Milano (from 2015)
- Master director of "PIANIFICAZIONE, PROGRAMMAZIONE E PROGETTAZIONE DEI SISTEMI OSPEDALIERI E SOCIO-SANITARI", Politecnico di Milano, Università degli Studi di Milano and Università Cattolica del "Sacro Cuore" (from 2010)
- Course "SOCIAL ARCHITECTURE", School of Architecture, Urban Planning, Construction Engineering Politecnico di Milano (from 2009)
- Lectures in RESIDENCY IN HYGIENE AND PREVENTIVE MEDICINE @ Università degli Studi di Milano (from 2006)
- Lectures in RESIDENCY IN HYGIENE AND PREVENTIVE MEDICINE @ Università degli Studi di Parma (from 2004)